Comparison between RTCU NX-910 and the RTCU AX9 encore

FEATURES	RTCU NX-910	RTCU AX9 encore
Execution Architecture:	NX32L (Linux based)	NX32
RTCU M2M Platform SDK for user programs/modules in C	✔	✘
Processor and Storage		
Processor	Cortex A5 @ 500 Mhz	ARM7 @ 48 Mhz
Hardware floating point	✔	✘
Performance	~700 DMIPS	~40 DMIPS
RAM	128 MB	2 MB
Internal flash drive capacity (maximum)	512 MB	4 MB
Datalogger capacity	64 MB (multiple)	1 MB
Persistent DataFlash	7.5 MB	3.5 MB
Security		
Embedded firewall/router	✔	✘
TLS/SSL support with full certificate management	✔	✘
RTCU Communication Hub - Secure connection	✔	✘
Hardware assisted encryption/authentication	✔	✘
Cellular Engine	LTE Cat. 1 (4G)	GSM (2G)
Internal antenna	✘	✔
Audio system	Fully Digital	Analog

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FEATURES	RTCU NX-910	RTCU AX9 encore
Wired Communication		
Ethernet interface	100 Mbps	✖
Dedicated RS232 ports	2	1
Dedicated RS485 ports	2	1 (optional)
USB service port	High-speed network link	UART based link
Analog ports accuracy	0.6% FSR @ 25C	1.5% FSR @ 25C
Power		
DC-Out 12 VDC	✔	✖
DC-Out 3.3DC / 5VDC	5 V	3.3V
Power down power consumption	0.35 mA @ 12VDC	0.60 mA @ 12VDC
Mechanical		
Cable glands	3 x M20	3 x PG11 + 2 x PG9 blind
Features that are common to both devices are not listed.		